

## REMARKS

In paragraph 1 of the Office Action, the Examiner requested an election of Groups I and II. Applicant hereby elects Group I, consisting of claims 1-10, drawn to a cooling channel for a rotary electrical machine. Applicant also respectfully transgresses the requirement for the following reasons. Applicant directs the Examiner's attention to the sole independent claim 11 of Group II. One limitation of this claim is that the first and second flow rates in the input and out of the output be substantially the same. Applicant believes that the search of this limited concept will be substantially the same as the search for the claims of Group I. Thus, no additional or undue burden will be placed on the Examiner. Accordingly, Applicant transgresses the restriction requirement.

In paragraph 2 of the Office Action, the Examiner requested that Applicant elect a single species to which the claims can be restricted. The Examiner stated that the Applicant shows different cross sections for the inlet/outlet pipes in Figs. 4 and 5. Applicant respectfully submits that Figs. 4 and 5 show the form and transverse section of a coupling of the length shown in Fig. 2. In other words, they are different views of the same embodiment, with the independent claim 1 stating that the species has a channel or conduit that have, along their longitudinal extents, a generally constant area of their cross section of flow.

In paragraphs [ 0050] and [0051] of the application, the specification states that the Fig. 4 shows the channel or conduit 11 according to the invention with an input coupling 12. The cross section of flow of the input coupling 12 is shown above the latter at four different points in order to demonstrate the change in shape of the cross section of flow whilst keeping the area of flow constant. In paragraph [0051], it is stated that Fig 5 shows, schematically in a side view, the coupling 12 and the start of the length 11. The cross section of flow of the input coupling 12 is shown alongside the latter at three

different points in order thus to demonstrate the change in shape of the cross section of flow whilst keeping the area of flow constant.

Accordingly, Applicant elects this species, and all of the elected claims 1-10 read on this species.

If the Examiner has any questions regarding this election, he is invited to telephone the undersigned attorney.

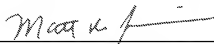
The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. 1.16 and 1.17 which may be required by this paper, or to credit any overpayment, to Deposit Account No. 50-1287. Applicants hereby provide a general request for any extension of time which may be required at any time during the prosecution of the application. The Commissioner is also authorized to charge any fees which have not been previously paid for by check and which are required during the prosecution of this application to Deposit Account No. 50-1287.

Applicants invite the Examiner to contact the undersigned via telephone with any questions or comments regarding this case.

Favorable action on the merits of the application is respectfully requested.

Respectfully submitted,

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